### STATE OF CALIFORNIA Base Year Modification Request Certification CIWMB 628 (NEW 7/99)

To request a correction to or substitution for a previously approved base-year amount used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 255-2555 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board Office of Local Assistance PO Box 4025 Sacramento CA 95812-4025

Post-it* Fax Note	7671	Date 6/18 pages 7
		From Michael 1059
Co/Dept. Trivas	<u> </u>	ca Marin Courts
Phone #		Phone # 415-499-3725
Fax # [ 61/1 3]	4_ 1XI	2 Fax#
	1- 382	<u> </u>

### General Instructions:

Please select the ONE choice below that best explains your request to the Board, and complete the appropriate sections. All respondents must complete Section I and either Section II A or II B, as noted.

- 1. Correct our existing Board-approved base-year generation (disposal or diversion) tonnage. (Please complete Section I and Section II A.)
- 2. Use a recent generation-based study to substitute for our existing Board-approved base-year generation amount, but not officially change our existing Board-approved base year. (Please complete Section I and Section II B.)
- 3. Use a recent generation-based study to officially change our Board-approved existing base year to a new base year. (Please complete Section I and Section II B.)

Specific Projection in the region of the Control of	ation in this documen		correct to ti	he best of my knowledge,		
Jurisdiction Name  Marin County Hazardous & Solid Waste Authority, Regional Agency		County Marin				
Authorized Signature		Tide Public V	Vorks Pro	gram Manager		
Type/Print Name of Person Signing Jeff Rawles	05/01/01		(415)	(415)499-6548		
Person Completing This Form (please print or type)  Michael Frost	Title Waste Mai Specialist	nagement	Phone (415)	499-3725		
Mailing Address Marin Public Works PO Box 4186	City San Rafae	el.	State CA	ZIP Code 94913		

Section II: Information for New Generat	ion-Based	Study	for Existing or New Base Year				
Attach additional sheets if necessary—	reference	each	response to the appropriate cell num	ıber (e.g., 4).			
Note: New base years must be representa	ative of a ju	risdiction in the state of the	on's disposal and diversion.				
1. Current Board-approved existing base-	year:	•	2. Proposed new generation-based stu	ıdy year:			
1990			1999				
	,						
3. Explain how the proposed generation s	tudy year is	repres	l sentative of average annual jurisdiction	disposal and diversion:			
In 1993, Marin County implemented a dive	ersion and o	disposa	al monitoring system which collects dive	ersion and disposal			
tonnage data from all of Marin County's fra							
Marin's material recovery facility and recyc							
Marin to measure the effectives of program	ns and trac	k diver	sion/disposal trends over time. The tor	nnage data collected in			
calendar year 2000 is consistent with tonn	age collect	ed fron	n the previous six years and therefore i	s considered			
representative of average annual jurisdicti	on disposa	i and d	iversion.				
4. Enter your diversion rates below.							
Diversion rate calculated using			Diversion rate calculated using new				
existing base year	a. 47	%	generation-based study	b. 58 %			
For existing base year		,	For new generation based study	13.13900518			
pounds/person/day based on			pounds/person/day based on				
generation	8.84155	0829	generation				
Residential Non-Residential Residential Non-Residential							
generation 54.4 % Generation 45.6 % generation 54% % generation 46% %							
3							
Population existing generation-based s	tudy 230	096	Population new generation-based s	tudy 245,830			
Population existing generation-based s  5. If there is an increase between 4a and 4	tudy 230 lb, please o	0096 explain	Population new generation-based s how the new diversion rate is consistent	tudy 245,830 nt with your			
Population existing generation-based s  5. If there is an increase between 4a and 4 current diversion implementation efforts. If	tudy 230 b, please of the propos	0096 explain sed nev	Population new generation-based s how the new diversion rate is consisted y generation tonnage results in an incre	tudy 245,830 nt with your ease in your			
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7. Dis	7. Disposal Tonnage: (enter values)	127388	106782	234170	
		Residential	Non-Residential	Total	
Pleas	Please select the ONE choice below that best explains your disposal data and complete the required tables.	our disposal data and	complete the required tables.		
	a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)	Reporting System (No	explanation required. Go to Section 8.)		
	b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification	of hauler and self-haul to	onnage. (Please complete Reporting Year Tonn	nage Request and Modification Certification sheet found at	<ul><li>Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)</li></ul>
Ē	c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet fou	orrected. (Please compl	lete Reporting Year Tonnage Modification Requi	lest and Certification sheet found at http://www.ciwmb.ca.g	.nd at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)
	c. come proposal reporting System data water	orrected. (Frease comp	iere Deboring Lear Formade Montroducti veda	iest and Celunication sheet tourid at http://www.ciwinb.ca.g	2wi@celitialii

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion townage (form will perform all addition calculations). If any diversion is from restricted wastes, fagricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metall please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

\*Please provide detailed non-Residential waste audit information in Section 9.

Curbside Recycling  Residential & Non-residential: paper, glass, metals,  Plastic  MRF hurback & doc-off nanor place metals	53600 9.5%			Recycling	Reduction 12845 2.3%	Subtotal Residential Source	0.0%:	Keuse programs com diapers, recapped tires, grocery bag reuse, 4014 0.7% [thrift stores, refillable bottles.]	803 0.1%	1204 0.2% plastics, paper, yardwaste, glass, aluminum, metals.	1	Education 2408 0.4% packaging and disposable products	,是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是 一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人	Other Residential source reduction (list each program separately)	401	Backyard composting 4014 0.7% yard waste	Source Reduction	Residential Activities:	<u>Icodes/reduce.htm</u>	<u> </u>	The program top diosany is online at: (A) Generation	Please use the Board's program types.	Total Ceneration one box)	Diversion Activity Actual tons Relative Percent to Specific material type(s) (List operation wimultiple materials in Specific conversion factor used (if an
Works	Works		actual					estima	estima	estima		estima			estima	[estima								Specific conversion factor used (if any) and Source Type of record
actual tennage Marin County Department of Bublic		Û	actual tonnage, Marin County Department of Public	T T				estimation per SRRE	estimation per SRRE	estimation per SRRE		estimation per SRRE			estimation per SRRE	estimation per SRRE							:	Type of record is a location of record

Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/ligcentral/paris //codes/reduce.htm  Other Residential recycling□ (list each program separately)  Enter program name Composting  Green waste drop-off  Green waste drop-off  (A) Generation Generation Generation Generation (A) Generation Generation (A) Generation Generation (A) Generation Generation (A) Gene	residential curbside greenwaste collection for compost		actual tonnage, Marin County Department of Public
ypes. Ne at: (A) I/paris list each program sepa	rbside greenwaste collection for		actual tonnage, Marin County Department of Public
list each program separa	rbside greenwaste collection for		actual tonnage, Marin County Department of Public
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Green waste drop-off	irbside greenwaste collection for	maly band didirect.	actual tonnage, Marin County Department of Public
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	ırbside greenwaste collection for		lactual tonnage, Marin County Department of Public
5836 100/			1A/ndr
	, , , , , , , , , , , , , , , , , , , ,		
Other Residential composting (list each program separately)			
Enter program name		-	
Subtotal Residential Composting 5826 1.0%			
Non-Residential Activities:			, , , , , , , , , , , , , , , , , , , ,
Source Reduction			
	See Section 9	See Section 9	See Section 9
reduction (list each program separately)			
Road Crew 15471 2.7% metals, greenwaste/mu			actual tonnage, Marin County Department of Public Works
0.3%	waste(mulch), concrete, dirt, asphalt	See Attachment 1	estimation per SRRE
	metals, greenwaste(mulch), concrete, dirt, asphalt Demolition Debris and Greenwaste	See Attachment 1	estimation per SRRE
1204 0.2%	metals, greenwaste(mulch), concrete, dirt, asphalt Demolition Debris and Greenwaste office paper, products with recycled content	See Attachment 1	
Procurement 1204 012% 401 0.1%	metals, greenwaste(mulch), concrete, dirt, asphalt Demolition Debris and Greenwaste office paper, products with recycled content food waste	See Attachment 1	estimation per SRRE
1204 072% 401 0.1%	waste(mulch), concrete, dirt, asphalt ebris and Greenwaste products with recycled content	See Attachment 1	estimation per SRRE

	1	and the second s			
Diversion Activity	Actual tons	Total Generation	Relative Percent to Specific material type(s) (List operation wimumple materials in Total Generation one box)	Specific conversion factor used (n any) and source	Type of record and location of record
Please use the Board's program types.  The program type glossary is online at:	(Δ)	(A/Total			
http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm					
Recycling Non-Residential Waste Audits*			Sae Section 9	See Section 9	See Section 9
Other non-Residential recycling (list	each program	separately)			
Landfill Recycling	131203	23.3%	Salvage at Redwood Landfili: metals, dirt, rock,		actual tonnage, Marin County Department of Public
Enter program name	0	20.070	concrete, coprior		
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	131203	23.3%			
Composting					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other non-Residential composting (list each program separately)	st each progr	am separately)			
Landfill Greenwaste drop-off	6239	1.1%	Self-haul greenwaste drop-off for compost		actual tonnage, Marin County Department of Public Works
MRF Compost	3331	0.6%	MRF greenwaste composted		actual tonnage, Marin County Department of Public Works
					actual tonnage, Marin County Department of Public
Enter program name			MIN MOOGMOON IN ENTITION		FOING
Subtotal Non-Residential		10			
Composting	9570	1.7%			
Subtotal Non-Residential Diversion	159455	28.3%			
Residential/Non-Residential Diversion Activities	. :				
ADC	31502	5.6%	residential curbside, MRF, landfill drop-off: greenwaste and biosolids used as ADC.		actual tonnage, Marin County Department of Public Works
Sludge					
Construction and demolition					
Landfill salvage					
Subtotal Residential/Non-Residential diversion	31502	5.6%			
Tote:siNon-Res Source Reduction Tons	31527	5.6%			
Total Diversion Tons	329869	58.5%			
Total Disposal Tons from Sec.7	234170	41.5%			
Total Generation Tons (Div+Dis)	564039				

Diversion Rate

# 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

total diversion tons. Audit reference number ties to your audit sheets. Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on

### (Form will perform all addition calculations).

diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) form(s) used.

"enerator	Reference Number	include material type (e.g. paper recycling, grasscycling) (List activities on one line)	Reduction Tons	Tons	<b>10</b>	Generation (Total Phone (P) Diversion Mail (M) Tons/Total On-site (O) Generation in Other	Phone (P) Mail (M) On-site (O) Other
:							
			·				
			·				
	Totals	<b>5</b>					

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

No waste audits were conducted. All non-source reduction tonnage claimed is from actual tonnage as reported by Marin County haulers and facility opperators

- 10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:
- a. If the diversion program started on or after January 1, 1990, complete the following table. (Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Ty	pe	Specific Program name	Year started	Tonnage
Inert Solids	•	MRF Diversion of Inerts	1986	73550
Inert Solids	₩	Resident/Commercial debris box inerts delivered to MRF.	1986	6406
Inert Solids	▼	Landfill Salvage	1996	129998
Scrap Metal	▼	Landfill Salvage	1996	1205
Pull Down for Waste Types	•			
Pull Down for Waste Types	•			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program. Instead please provide date of Board approval of preciously submitted information.

If documentation is not available, go to 10d.

7/96 & 10/00 (Date)

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Ty	pe	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	•		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base vear/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Ty	ре	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types	▼				
Pull Down for Waste Types	▼				
Pull Down for Waste Types	•				
Pull Down for Waste Types	<b> </b>				
Pull Down for Waste Types	▼				
Pull Down for Waste Types	_				

### **Base Year Modification Request Certification**

### Section II, Question 5:

In 1993, Marin County implemented a diversion and disposal monitoring system which collects diversion and disposal tonnage data from all of Marin County's franchised haulers, one special district that provides its own garbage collection, Marin's material recovery facility and recycling centers, and Marin's disposal facilities. The data collected in this monitoring system has been useful in measuring the effectiveness of diversion program and indicating areas of additional need by providing the County and its cities with hard data for all programs.

In 1997, the California Integrated Waste Management Board adopted the recommendations of their Measurement Accuracy Issues Working Group which included an alternative diversion reporting option referred to as "an Annual generation-based analysis". This Generation Based Analysis method has enabled Marin to utilize diversion and disposal tonnage data to report an actual diversion rate instead of a disposal derived rate that is based on 1990 generation estimates.

### **Section II, Question 8:**

Other Non-Residential Source Reduction, Road Crew, Conversion factors used and source.

The following conversion factors were supplied by Redwood Landfill and were utilized by the Marin County Hazardous and Solid Waste Joint Powers Authority to convert Marin's Road Crew reported cubic yards to tons.

### **Conversion Factors**

Material	Ratio ( tons/yard 3)
Dirt	1.20
Concrete	0.93
Asphalt	0.69
Wood Chips	0.25
Mixed debris	1.0

### STATE OF CALIFORNIA

### CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

**Base Year Modification Request Certification** 

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board Office of Local Assistance 1001 | Street, 9th Floor PO Box 4025 Sacramento, CA 95812-4025

### General instructions:

Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

			eli :				
i certify und	der penalty of perjury that the info , and that I am authorized to mak	rmation in thi	is docum	ent is	s true and co	rrect to	the best of my
Jurisdiction N	ame		County				
Marin Cour	nty Hazardous and Solid Waste J	PA	Marin				
Authorized Sig		Pawlo	Title		Public Worl	s Prograf	n Manager
Type Print Re	me of Person Stigning /		Date			Phone (	) Include Area Code
Jeff Rawles				Title Waste Management Specialist			
Person Completing This Form (please print or type)					Waste Man	agement :	Specialist
Michael Frost						<u> </u>	
Affiliation:	ffiliation: Staff to the Marin Hazardous and Solid Waste JPA						
			ity State			ZIP Code	
PO Box 4186		San Rafael			CA	9	4913
E-mail addres	s mfrost@marin.org	<u> </u>					

			•						<b>.</b>
Section II: Information for New	w Generation	n-Base	d Stud	y for Existing or New E	Base Year				
Attach additional sheets if nec	cessary— re	ferenc	ce each	response to the appro	opriate cell num	ıber (e.	g., 4).		TA:
Note: New base years must be r	representativ	e of a	jurisdic	tion's disposal and diver	sion.				4.1
1. Current Board-approved exist			-	2. Proposed new gene		ıdy year	r:		2.12
1990				2000					?-
									5 - j.
3. Explain how the proposed ger	neration stud	ly vear	is repr	sentative of average an	nual jurisdiction	disposi	al and	diversi	OD:
o. Explain flow the proposed got	ICIANON SIGN	y you	is ropic	350 hauve of average an	IIIuai junouioion	uispool	21 6116	GIVOIG	un.
In 1993, Marin County implement tonnage data from all of Marin C Marin's material recovery facility Marin to measure the effectives calendar year 2000 is consistent representative of average annual	County's france or and recycling of programs t with tonnag	chised ling center and trained e collection	haulers ers, and ack dive	i, one special district that d Marin's disposal faciliti ersion/disposal trends ov om the previous six years	t provides its own ies. This moniton ver time. The tor	n garba ring sys nnage d	ige co stem e lata co	llection nables	
4 Entervour diversion rates h						. •		<del></del>	·
4. Enter your diversion rates b				Internation and an articular	- 4 2				
Diversion rate calculated using	·		-,	Diversion rate calcula		i		.,	
existing base year	a	. 47	<u>%</u>	generation-based stu			63	<u>%</u>	. '3.'
For existing base year				For new generation b	-	1:	3.902	16328	
pounds/person/day based on				pounds/person/day b	ased on				
generation		8.8415	50829	generation					
Residential Non-Residential Residential Non-Residential							_		
generation 54.4 % Generation 45.6 % generation 54% % generation existing generation based study 230096 Population pay generation based study 247299									
Population existing generation-based study 230096 Population new generation-based study 247289  5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your									
current diversion implementation pounds/person/day, please explaany examples, e.g. change in jur	n efforts. If the ain how this i risdiction's de	e propo is cons emogra	osed ne sistent w aphics.	ew generation tonnage re vith your current diversio	esults in an incre	ease in y	your	provide	
Cell not large enough to answer	question. 3	3e Alla	Сппен	: 1.				٠.	
6. If the difference between the p						points,	please	e explai	n
the specific reasons for the differ	rence. (For e	exampl	e: new/	improved curbside diver-	sion programs.)				
Implementation of the following prog xmas trees, and clean-up events, in collection, greenwaste drop-off, back Agency adoption of construction and landfill woodwaste dropoff for mulch diversion and disposal monitoring pr	naterial recover k yard composed d demolition or n, and MRF wo	ery facili sting pro rdinance podwast	ity const ogram, g e requiri te diverio	truction and expansion, put government procurement, I ng a minimum of 50% dive on for mulch and biomass.	blic recycling rece landfill salvage, co rsion at construction Additionally, imp	pticles, on emposting on and delemente	curbsid og facili demolit od, star	I greenwity, Regiding in projection projection time in 19 ting in 19	aste onal octs,

7. Disposal Tonnage: (enter values)	r values)	118626	99437	218063
		Residential	Non-Residential	Total
Please select the ONE choice	9 below that best explains	s your disposal data	Please select the <b>ONE</b> choice below that best explains your <b>disposal</b> data and complete the required tables.	
☐ a. All tons claimed are	from the Board's Dispos	al Reporting System	a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)	
☐ b. All tons claimed are	s from a 100 percent audi	it of hauler and self-t	haul tonnage. (Please complete Reporting Year Ton	b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/ryfumdrq.doc)
区 c. Some Disposal Rep	porting System data were	corrected. (Please	complete Reporting Year Tonnage Modification Requ	c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, left, e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metall please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.
\*Please provide detailed Non-Residential waste information in Section 9.

\*Piease provide detailed non-Residential waste audit information in Section 9.

Note: The Board has Indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details subsantiating your claim.

Diversion Activity	Actual tons	Relative Percent to	Diversion Actual tons   Return   Actual tons   Return   Specific materials in   Specific conversion factor used (if any) and Source   Type of record and	Specific conversion factor used (if any) and Source	Type of record and location of record
		Total Generation	one box)		
Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	€ :	(Arrotal Generation)			
Residential Activities:					
Source Reduction					
Backyard composting	4014	.0.6%	yard waste		estimation per SRRE
Grasscycling	401	0.1%	grass clippings from lawns		estimation per SRRE
Offier Residential source reduction (list each program separately)	list each prog	gram separately)			
Education	2408	0.4%	packaging and disposable products		estimation per SRRE
Variable can rate	1204	%c U	plastice naner varrhwaste place aliminim metals		estimation per SRRF
Over 50	208	0.45%			estimation per SBRF
Awaid	3				באוויומווחון לבו סואיר
Reuse programs	4014	0.6%	cloth diapers, recapped tires, grocery bag reuse, thrift stores, refillable bottles.		estimation per SRRE
		%0:0			
Subtotal Residential Source					
Reduction	12845	2.1%			
Recycling					
Curbside Recycling			Residential & Non-residential: paper, glass, metals,		actual tonnage, Marin County Department of Public
	57640	9.2%	plastic		Works
Buyback centers			MRF, buyback & drop-off: paper, glass, metals,		actual tonnage, Marin County Department of Public
	79994	12.8%	plastic, inerts		Works
Drop-off centers					

Diversion Activity	Actual sone	Actual tons   Balathia Derrent to   Specific majoria	Concrete material transfer of the tenter of	Control from the second second second and a second	
		Total Generation		Specific control actor toget (il ally) ally coulde	
Please use the Board's program types					
The program time aloesand is online at		(A)			
The program rype glossary is controlled	€	Generation)			
INCOME CANTILL CO. GENERAL COLLEGIS IN THE COL	:				
/codes/raduce.ntm					
Other Residential recycling   (list each program separately)	ch program s	eparately)			or and a state of the state of
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	137634	22.1%			
Composting			The second secon		
Green waste drop-off					
Curbside green waste	7633	1.2%	residential curbside greenwaste collection for		actual tonnage, Marin County Department of Public
Christmas Tree program		!			WORN
TATEL TO SECURE AND ADDRESS OF THE PARTY OF	W. 1988 W. 1987 W. 1987 W. 1987				
Other Residential Composting (1st each program separately)	ach program	separately)			
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	7633	1.2%			
Subtotal Residential Diversion	158112	25.4%			
Non-Residential Activities: Source Reduction					
Non-Residential Waste Audits*			e Section 9	See Section 9	See Section 9
Other non-Residential source reduction (list each program separately)	tion (ilst each	program separa			
			A CONTRACTOR OF THE CONTRACTOR	and the second of the second o	
Road Crew	4935	%8.0	metals, greenwaste(mulch), concrete, dirt, asphalt	See Attachment 1	actual tonnage, Marin County Department of Public Works
Tipping Fee Differential	1606	0.3%	Г		estimation per SRRE
Government Procurement	1204	0.2%	office paper, products with recycled content		estimation per SRRE
Food Waste	401	0.1%	food waste		estimation per SRRE
Enter program name					
Subtotal Non-Residential Source	04.46	**************************************			
Keduction	0140	1.670			

, 136eejns) (4.202.)

Diversion Activity	Actual tons	Relative Percent to Total Generation	Relative Percent to Specific material type(s) (List operation w/multiple materials in Total Generation one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/igcentral/paris/codes/reduce.htm	€	(A/Total Generation)			
Recycling Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other non-Residential recycling (list each program separately)	each progran	n separately)			
Landfill Recycling	139081	22.3%	Salvage at Redwood Landfill: metals, dirt, rock, concrete, asphalt		actual tonnage, Marin County Department of Public Works
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	139081	22.3%			
Composting	1 L				
Non-Residential Waste Audits* Other non-Residential composting (list each program separately)	ist each prog	am separately)	See Section 9	See Section 9	See Section 9
Landfill Greenwaste drop-off	1250	0.2%	Self-haul greenwaste dron-off for compost		actual tonnage, Marin County Department of Public Works
MRF Compost	1863	0.3%	MRF greenwaste composted		actual tonnage, Marin County Department of Public Works
Biomass	62676	10.0%	MRF woodwaste for Biomass		actual tonnage, Marin County Department of Public Works
Enter program name					
Subtotal Non-Residential Composting	68739	10.5%			
Subtotal Non-Residential Diversion	213016	34.2%			
Residential/Non- Residential Diversion Activities					
ADC	34524	5.5%	residential curbside, MRF, landfill drop-off: greenwaste and biosolids used as ADC.		actual tonnage, Marin County Department of Public Works
Sludge					
Construction and demolition					
Landfill salvage					
Subtotal Kesidential/Non-Kesidential diversion	34524	5.5%			
Total Res/Non-Res Source Reduction Tons	20991	3,4%			
Total Diversion Tons	405652	65.0%			
Total Disposal Tons from Sec.7	218063	35.0%			
	772.000				
iotal Generation (ons (DIV+DIS)	623/16				
Diversion Rate	65%				

# 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

### (Form will perform all addition calculations).

diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name)

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Survey Method Generation (Total Phone (P) Diversion Mail (M) Tons/Total On-site (O) Generation in Other	Survey Method Phone (P) Mail (M) On-site (O)
							Section 8)	
					:			
	Totals	SIE						

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

No waste audits were conducted. All non-source reduction tonnage claimed is from actual tonnage as reported by Marin County haulers and facility opperators.

- 10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:
- a. If the diversion program started on or after January 1, 1990, complete the following table. (Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Ty	pe	Specific Program name	Year started	Tonnage
Inert Solids	•	MRF Diversion of Inerts	1986	73550
Inert Solids	•	Resident/Commercial debris box inerts delivered to MRF.	1986	8433
Inert Solids	~	Landfill Salvage	1996	137851
Scrap Metal	•	Landfill Salvage	1996	1230
Pull Down for Waste Types	•			
Pull Down for Waste Types	•			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program. Instead please provide date of Board approval of preciously submitted information.

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7/96 & 10/00 (Date)

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
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c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Ty	pe	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼		
Pull Down for Waste Types	•		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	₩		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base vear/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Typ	e	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types	•				
Pull Down for Waste Types	▼				
Pull Down for Waste Types	▼				
Pull Down for Waste Types					
Pull Down for Waste Types	▼				
Pull Down for Waste Types	-				

### **Base Year Modification Request Certification**

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### **Conversion Factors**

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